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amended

both types being obtainable by means of a controlled sulphation reaction on the amino group of glucosamine of hyaluronic acid, previously deacetylated according to the procedure described by P. Shaklee (1984) Biochem. J., 217, 187-197. The reaction proceeds as illustrated below:

IN THE CLAIMS

Kindly amend claims 3, 4, 6, 12, 13, 15 and 19 as follows:

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SUB F17

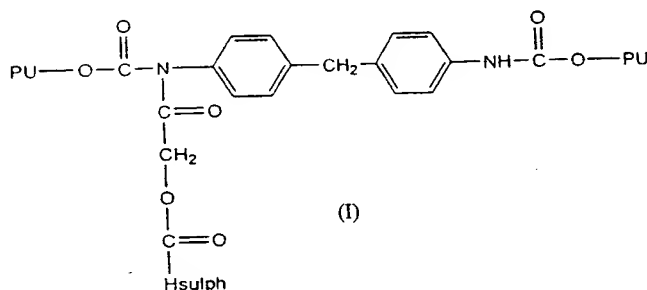
3. (three times amended) The polyurethane according to claim 1, wherein the said sulphated hyaluronic acid is selected from the group consisting of:

- A₁) O-sulphated hyaluronic acid, and
- B₁) N-sulphated hyaluronic acid.

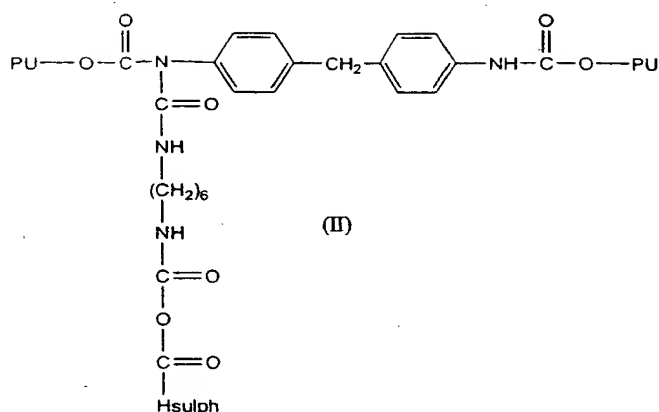
4. (three times amended) The polyurethane according to claim 1, wherein the said sulfated hyaluronic acid derivative is selected from the group consisting of:

- A₂ O-sulphated hyaluronic acid derivative, and
- B₂) N-sulphated hyaluronic acid derivative.

6. (twice amended) The polyurethane according to claim 1 of formula (I)



or formula (II)



wherein PU is a residue of the polyurethane chain, Hsulph is a residue of the sulphated hyaluronic acid or a residue of a sulphated hyaluronic acid derivative containing at least one free carboxylic function.

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12. (twice amended) The haemocompatible material according to claim 11, wherein said pharmaceutically active substance is selected from the group consisting of antibiotics, anti-infective, antimicrobial, antiviral, cytostatic, antitumoral, anti inflammatory, wound healing agents, anesthetics, cholinergic or adrenergic agonists or antagonists, antithrombotic, anticoagulant, haemostatic, fibrinolytic, thrombolytic agents, proteins or their fragments, peptides, polynucleotide, growth factors, enzymes and vaccines.

13. (twice amended) The haemocompatible material according to claim 9, further comprising at least one natural, ~~synthetic or semisynthetic~~ polymer.

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15. (twice amended) The haemocompatible material according to claim 13, wherein said semisynthetic polymer is selected from the group consisting of collagen cross linked with aldehydes, dicarboxylic acids or their halides, diamines, derivatives of cellulose, hyaluronic acid, chitin or chitosan, gellan, xanthane, pectin or